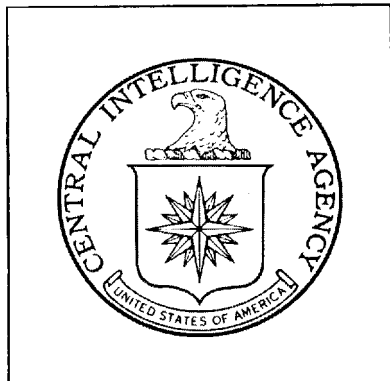


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Top Secret



DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Report

Major Electric Power Plants

Kiangsi Province, China

Top Secret

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Declass Review by NIMA / DoD

DATE January 1970

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

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This report covers the four major power plants in Kiangsi Province, southeastern China. It updates previous Basic Imagery Interpretation Briefs on the Hsin-yu Hydro Power Plant, the Shang-yu Hydro Power Plant, and the [redacted] and provides the initial basic report on the Hsin-yu Thermal Power Plant, which is under construction. The cutoff date for information in this report is [redacted]

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The Hsin-yu Thermal Power Plant was first observed under construction in [redacted]

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No construction has been observed at the Hsin-yu and Shang-yu hydro power plants since the previous reports. The Shang-yu plant was operating when seen in [redacted] but there was no visible evidence that either of these two plants was in operation on small-scale coverage of [redacted]

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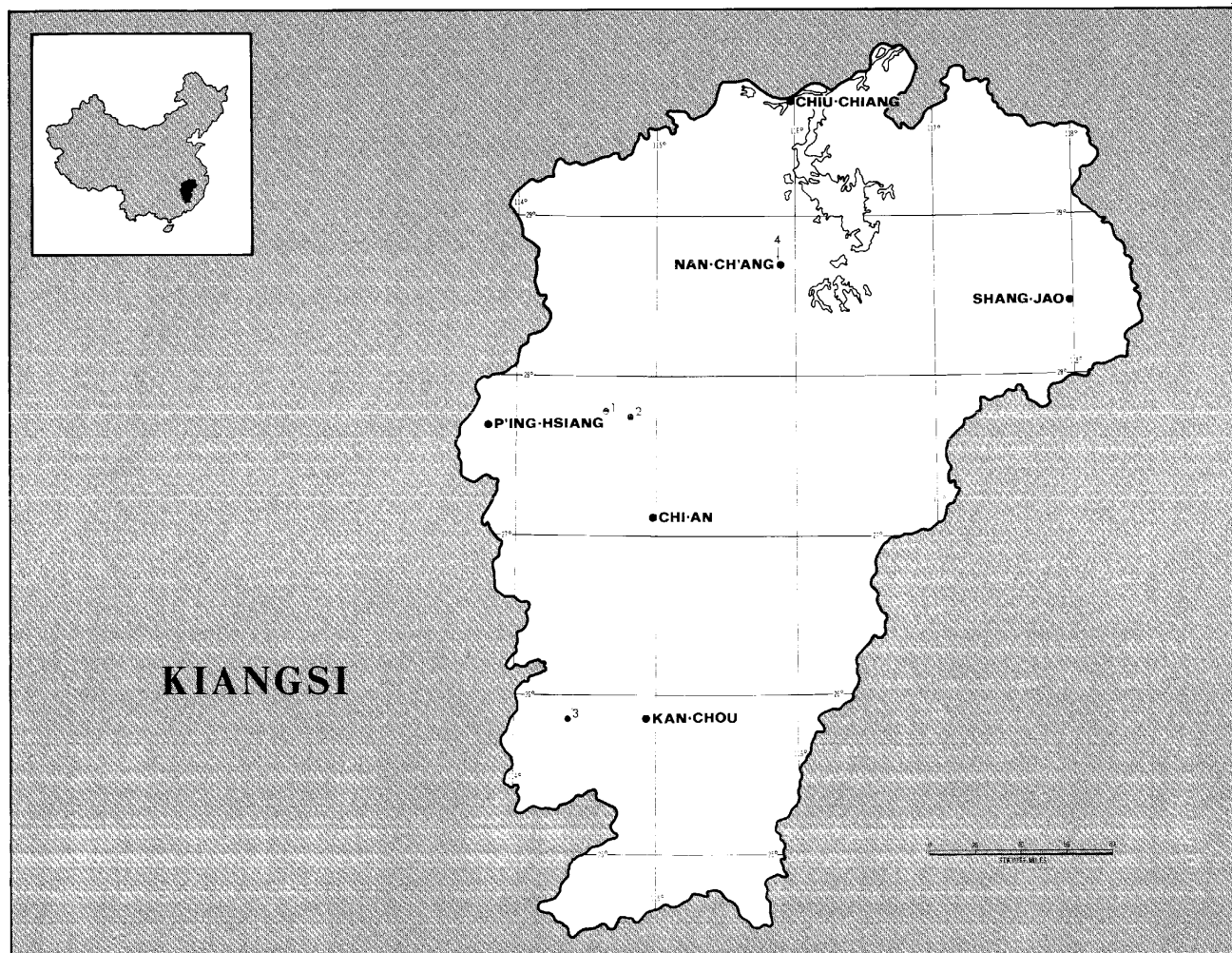


FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report presents information on the current status of the four major electric power plants in Kiangsi Province.

The following list of the major electric power plants in Kiangsi Province is keyed to Figure 1.

1. Hsin-yu Thermal Power Plant
2. Hsin-yu Hydro Power Plant Chiang-kou.
3. Shang-yu Hydro Power Plant and Dam Tien-shan-kuan.

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Requirement

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| | |
|-------------------------------|---------|
| INSTALLATION OR ACTIVITY NAME | COUNTRY |
| Hsin-yu Thermal Power Plant | CH |

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| | | |
|-----------------|------------------------|--|
| UTM COORDINATES | GEOGRAPHIC COORDINATES | |
| 50RKF658738 | 27-46-40N 114-37-10E | |

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| | |
|---------------|---|
| MAP REFERENCE | USATC, Series 200, Sheet MO498-2HI, 2nd ed. Aug 68. Scale 1:200,000 |
| | (SECRET/) |

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| | |
|---------------------|-----------------------------|
| LATEST IMAGERY USED | NEGATION DATE (If required) |
| | |

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*Action has been initiated to enter the data on this thermal power plant in the Basic Encyclopedia.

BASIC DESCRIPTION

The Hsin-yu Thermal Power Plant is being constructed on the east bank of the Yuan River, approximately 16 nautical miles (nm) west of Hsin-yu (see Figure 2). The plant is about 11 nm west-northwest of the Hsin-yu Hydroelectric Power Plant Chiang-kou.

The plant occupies an unsecured, irregular-shaped area about 2,100 by 1,300 feet. It is served by both road and rail.

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Construction of the plant started between [] when site preparation was first observed. Footings for the boilerhouse and generator hall were first observed in []. On the basis of construction practice observed at power plants in China, if the current rate of construction is maintained at the Hsin-yu plant, one boiler and one generator may be operational by mid-1970.

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[Redacted]

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[Redacted]

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| | | |
|--------------------------------------|---|-----------------------------|
| INSTALLATION OR ACTIVITY NAME | | COUNTRY |
| Hsin-yu Hydro Power Plant Chiang-kou | | CH |
| UTM COORDINATES | GEOGRAPHIC COORDINATES | |
| 50RKF862692 | 27-44-10N 114-49-30E | |
| MAP REFERENCE | | |
| [Redacted] | USATC, Series 200, Sheet M0498-2HL, 2nd ed, Aug 68, Scale 1:200,000 | |
| (SECRET) [Redacted] | | |
| LATEST IMAGERY USED | | NEGATION DATE (If required) |
| [Redacted] | | NA |

BASIC DESCRIPTION

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There has been no apparent change to the Hsin-yu Hydro Power Plant since [Redacted] the date of the latest photography used in the previous report. Since that time, the plant has been seen only once, on small-scale photography of [Redacted] The quality of the photography precluded determining whether the plant was operating or whether a second transformer had been installed.

REFERENCES

Imagery

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[Redacted]

Document

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CIA [Redacted] Hsin-yu Hydro Power Plant (Chiang-kou),
January 1969, [Redacted] (TOP SECRET [Redacted])

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[Redacted]

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| | | |
|--|------------------------|-----------------------------|
| INSTALLATION OR ACTIVITY NAME | | COUNTRY |
| Shang-yu Hydro Power Plant and Dam Tieh-shan-kuan | | CH |
| UTM COORDINATES | GEOGRAPHIC COORDINATES | |
| 50RKD392596 | 25-49-40N 114-24-10E | |
| MAP REFERENCE | | |
| ACIC. USATC, Series 200, Sheet MO498-12HL, 2nd ed, Aug 67, Scale 1:200,000 | | |
| (SECRET/ [REDACTED]) | | |
| LATEST IMAGERY USED | | NEGATION DATE (if required) |
| [REDACTED] | | NA |

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BASIC DESCRIPTION

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There has been no apparent change to the Shang-yu Hydro Power Plant since [REDACTED] the date of the latest photography used in the previous report. In [REDACTED] turbulence was observed at one and possibly two discharges, and in [REDACTED] turbulence was seen at all four discharges. In [REDACTED] no turbulence was visible in the tailrace to indicate that the plant was operating. However, the quality of the photography may have precluded its observation.

REFERENCES

Imagery

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| |
|------------|
| [REDACTED] |
|------------|

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CIA. [REDACTED] Shang-yu Hydro Power Plant and Dam (Tieh-shan-kuan),
October 1968, [REDACTED] TOP SECRET [REDACTED]

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